

AMERICAN IONOSPHERIC PROPAGATION ASSOCIATION

Art Collins-President  
68 Amber St.  
Buffalo 20, N.Y.

TV-DX

King Schafer V.P.  
360 Zimmerman Blvd  
Kenmore 17, N.Y.

Volume 8 #2

February 6, 1961

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EDITORIAL

"Old soldiers never die, they just fade away." This famous old saying may be true, but it certainly doesn't seem to apply to King & I. Since our Editorial that appeared in the Jan. 1961 issue, we have received many replies from our members requesting that we re-consider the proposal of the AIPA management. It is gratifying to know that there are so many who are concerned about the club, and are satisfied with the present officers.

It has been decided now that as long as you want us, so be it. I have arranged for some relief in the way of club business and records. King has offered to assume a little more of the work here, thus allowing the AIPA to continue on from Buffalo.

Keep in mind the Membership drive which is still on. February is the second month, and as was stated, ends in March. Some results are coming in now, and we hope that more will come along. Let's not leave Tom Hidley down, who has put a lot of effort into this project. Get your friends to join you in the hobby of TV-DX if possible.

Dick Miller of Royal Oak, Michigan, who has offered to be Host for the 1961 AIPA Convention is well aware by this time that he will be just that. The voting results in this matter is over overwhelmingly for Royal Oak. The usual time each year is around mid-July, and probably will be the same this year. Time will be definitely announced in the March issue. This yearly event is something you should really try to make, those who have previously attended the conventions will verify this statement. The location is considered very good for the majority. We are in hopes there will be another Western Convention somewhere along the west coast, and as soon as we get word it will be passed on to you.

We are in receipt of many letters etc. as to the going out Editors. It does seem alarming, but it's just one of those things that can't be helped. Many thanks to the editors who have done so well in their columns, and for such a long time. May we assure you that there will be editors to take over the empty spots or vacancies, and will do a job just as well done.

Art Friese - 108 No. Kensico - White Plains, N.Y. has generously offered to supply a photo (as is enclosed) of ID slides etc as long as he can obtain good clear shots. From there on out members can send him clear negatives, pending upon you having same and care to do so. He will develop a photo for each and every member.

Keep in mind the 1961 Convention - the Membership drive, and mail your spare Aspirins to King.

Art Collins

## TELEVISION DX RECORDS CHANNEL 7

CALL	LOCATION	DIST.
KATV	Pine Bluff, Ark.	750 BD
KABC	Los Angeles, Cal.	115 DS
KVID	Redding, Cal.	400 DS
KGO	San Francisco, Cal.	225 DS
WMAL	Washington, D. C.	290 RN
WJDM	Panama City, Fla.	930 FD
WBKB	Chicago, Ill.	453 RN
WTVW	Evansville, Ind.	570 RN
KAYS	Hays, Kans.	745 BM
KOAM	Pittsburg, Kans.	520 DJ
KPLC	Lake Charles, La.	715 DR
WNAC	Boston, Mass.	400 RN
WXYZ	Detroit, Mich.	225 RN
WBBN	Traverse City, Mich.	365 RN
WKBW	Buffalo, N. Y.	450 BD
WCNY	Carthage, N. Y.	267 FW
WABC	New York, N. Y.	750 BD
WITN	Washington, N.C.	520 RN
WHIO	Dayton, Ohio	555 AF
WSPA	Spartanburg, S. C. (MS)	585 RN
KTBC	Austin, Tex.	985 DR
KLTV	Tyler, Tex.	690 BM
WDBJ	Roanoke, Va.	663 BD
WTRF	Wheeling, W. Va.	860 ER
WSAU	Wausau, Wisc.	600 BJ
KETV	Omaha, Neb.	585 BM

## CHANNEL 8 RECORDS:

KSBW	Salinas, Cal.	150 DS
KFMB	San Diego, Cal.	220 DS
WNHC	Hartford, Conn.	325 RN
WFLA	Tampa, Fla.	665 RF
WISH	Indianapolis, Ind.	785 DR
KRNT	Des Moines, Iowa	485 BM
KYES	New Orleans, La.	540 DR
WMTW	Poland Spr. Me.	438 RN
WAGM	Presque, Me.	600 RN
WOOD	Grand Rapids, Mich.	665 ER
KOMU	Columbia, Mo.	450 BD
KOMC	Mc Cook, Neb.	650 DJ
WJW	Cleveland, Ohio	550 BJ
KTUL	Tulsa, Okl.	720 BD
WGAL	Lancaster, Pa.	250 CH
WBTW	Florence, S.C.	275 BBe
WSIX	Nashville, Tenn.	635 RN
WFAA	Dallas, Tex.	740 BM
WXEX	Petersburg, Va.	600 DR
WCSH	Charleston, W. Va.	345 RN
CKNX	Wingham, Ont.	143 RN

## New Ch. 5 Record:

WLAC Nashville, Tenn. 800 A. Friese  
~~8000 Entry only~~ 11

## New Ch. 4 Record:

CHAB Moose Jaw, Sask. 1360 D. Kanaar

## Another Ch. 5 Record:

WUFT Gainesville, Fla. 950 D. Kanaar

All records taken from past Bulletins  
 and cards and letters received by me.

## TELEVISION RECORDS CHANNEL 9

CALL	LOCATION	DIST.
WTVY	Dothan, Ala.	665 BJ
KHJ	Los Angeles, Cal.	115 DS
KQED	San Francisco, Cal.	225 DS
WTOP	Washington, D. C.	1030 ER
WGN	Chicago, Ill.	460 DK
KVTV	Sioux City, Iowa	640 BM
KMSF	Minneapolis, Minn.	600 BM
WAFB	Baton Rouge, La.	660 BJ
WDAM	Hattiesburg, Miss.	600 BJ
KMBC	Kansas City, Mo.	490 BM
WMUR	Manchester, N.H.	375 RN
WOR	New York, N.Y.	310 BB
WHEN	Syracuse, N. Y.	214 FW
WSOC	Charleston, N.C.	790 BD
WNCT	Greenville, N. C.	765 BJ
WCFO	Cincinnati, Ohio	375 RN
WSTV	Stuebenville, Ohio	590 BJ
KWTV	Oklahoma City, Okl.	815 BD
CKLW	Windsor, Ont.	222 RN
CHFT	Ottawa, Ont.	242 RN
CFTO	Toronto, Ont.	118 FW
WLOF	Orlando, Fla.	500 AC

## CHANNEL 7 RECORD HOLDERS:

R. Nieman-7, B. Draeb-4, D. Smith  
 -3, B. Meers-3, D. Ruland-2, A.  
 Friese, E. Rugal, B. J. Bingham,  
 D. Janowiak, F. Dombrowski, F.  
 Wheeler-all 1. D. Kanaar received  
 1 as he beat out RN on WBKB 460.  
 RN still had 7 after correction.

## CHANNEL 8 RECORD HOLDERS:

R. Nieman-6, D. Ruland-3, D.  
 Smith, B. Meers, B. Draeb-all 2.  
 B. Rugal, D. Janowiak, C. Howing-  
 ton, B.J. Bingham, B. Berg R.  
 Foster-all 1.

## CHANNEL 9 RECORD HOLDERS:

B. J. Bingham-5, R. Nieman-4,  
 B. Meers-3, D. Smith, B. Draeb,  
 F. Wheeler-all 2. E. Rugal, B.  
 Berg, A. Coro-all 1. D. Kanaar  
 also 1.

Ch. 10 and Ch. 11 for next  
 month if room permits also  
 Standings of Active Members.  
 Send me your records from Ch. 10  
 -13 and UHF besides all other  
 Ch. 2-9 records you have broken.  
 Your cards and letters should be  
 into me by Feb. 24, 1961.

Frank Wheeler, Box 176, R.D. 5  
 Erie, Pa.

FCC GRANT.APPLICATIONS

Ch 9 Flagstaff, Ariz. 28.8Kw-14.4Kw. Ch 26 Springfield, Ill. 17.38 KW...

NEWS ITEMS.

KXMB-TV Bismarck, N.D. ch 12 call changed from KBMB-TV.

KCMC-TV Texarkana Tex. to change call letters to KTAT(TV) effective with it's change of Txmr site to Vivian, La. in the spring.

Canada to possibly get it's first Educational station with a application in for a UHF Ch 19 in Toronto, Ont.

Montgomery, Ala. to have a Educational station there in the near future.

KVUE(TV) Ch 40 in Sacramento, Calif. which went off the air March 60' (Financial difficulties) wish to return to the air and not declare station bankrupt.

Delete Ch 8 WIRM(TV) at Iron Mt. Michigan.

CJCH-TV ch 5 Halifax, N.S. Canada. began operations Jan 1st. 61' 100Kw..

CFCF-TV ch 12 and CFTM-TV ch 10 in Montreal, Que. Canada are now on.

CFCF-TV on Jan. 20th. CFTM-TV still testing, open Feb. 19th.

WWTW Ch 13 Cadillac, Mich. burned to the ground Jan 24th. 1/2 million dollar fire. they will be off the air possibly 3 weeks.

KFRE ch 12 in. Fresno, Calif will change to ch 30 Jan 6th. 1961.

WBID-TV ch 50 Detroit, Mich. application been denied for extension-DELETE

KRON-TV (The TIERRA TV Co) asked FCC to drop application -ch 4 at Reno.

KROC-TV Rochester, Minn ch 10 npw on 1250 foot Tower. (was 625 foot)

The Nebraska council for Educational TV's asked for reservation of 5 channels in that state-- (KUON-TV ch 12 now) and ch 13, Alliance Ch 9 at North Platte, ch 4 at Kearney, Ch 3 at Bassett and ch 8 at Albion.

The first live PAY-TV program (by subscription) on the Trans-Canada show out of Toronto, Ont. was a delightful FLOP.... 3 out of 15 called on survey paid to see the show. (Big deal.)

PAY TV is a sure thing to be in Hartford, Conn area this fall.... So...

KMSP-TV ch 9 Minneapolis-St. Paul will replace WTCN-TV ch 11 as the ABC TV primary affiliate there in April 16th. also April will see ch 6 WITI(TV) from CBS-TV to ABC-TV. WISN-TV ch 12 ABC-TV to CBS-TV... WUSN-TV Charleston, S.C. joins ABC-TV.

Bill Nieman our Eastern DX writer has left Friday evening 2/3/61 for the Air Force near San Antonio, Tex. Bill is going to be in the Electronics end of the field. a four year stretch... Good luck

Dick Nieman 99 Imson St. Buffalo 10, N.Y. is taking over the Eastern DX column.. Eastern DX reports are to go there.

Dick Miller is all set for the 1961 convention at his place, Royal Oak, Mich. Dick has just purchased a Webcor Tape Recorder. 3 speed, and all size reel. Add Dick to your Tape Fan list.

Tom Hidley is just getting over the Flu. OK boy, don't let us down ! Looks like we will have Dennis Smith for our Western DX Editor if I can put on a little more pressure Hi. How about it Dennis !!

Welcome New Members--Eric G. Norberg-Box 298 Walker Hall-Pomona college, Claremont, Calif. and Mike O'Rourke RFD#1 Mesick, Michigan. Mike is an old AIPA'er from way-back

Re-Newals in from- Edwin Shorey-Derby, Kansas. and John Parillo of Girard, Ohio. 5th year. also James Mitchell of Dahlgren, Va for his 5th year.

Address changes- Ed Hopp-2945 N. Flanwill Blvd. Apt B. Tucson, Ariz. Carl(skip) Dabelstein 12524 C Street. Omaha, Nebr.

Art Collins.

February 1961

by Walter W. Spaulding

Well I am sorry that I didn't have a column last month but I can't put in anything if there isn't anything to put in. But in order to keep this column going I must receive your reports. The following is my own listing of TV listing.

Total stations received 114

Total verified letter 86 3 by tape 2 by pictures

Total stations 2 to 6 59 Total stations 7 13 37 UHF 18

Number stations Ch. 2 21

Number stations Ch. 3 13

Number stations Ch. 4 7

Number stations Ch. 5 13

Number stations Ch. 6 6

Number stations Ch. 7 5

Number stations Ch. 8 5

Number stations Ch. 9 9

Number stations Ch. 10 6

Number stations Ch. 11 3

Number stations Ch. 12 7

Number stations Ch. 13 7

UHF 2-15 1-16 2-18 2-21 1-22 2-27

1-28 2-33 1-34 1-35 1-39 1-45 1-49

USA Cuba &amp; Canada

Number of Countries received 3

Number of states received 26

Number of Provinces 1 Ontario

Most distance for Channel 2 1400 KOOK Billings, Mont.

Most distance for Channel 3 KOTA 1200 Rapid City S. D.

Most distance for Channel 4 900 WKY Oklahoma City, Okla.

Most distance for Channel 5 1300 KCSJ Pueblo, Colorado

Most distance for Channel 6 175 WJAC Johnstown, Pa.

Most distance for Channel 7 275 WBKB Chicago, Ill.

Most distance for Channel 8 300 WSIX Nashville, Tenn.

Most distance for Channel 9 275 WGN Chicago, Ill.

Most distance for Channel 10 350 CFPL London, Ontario

Most distance for Channel 11 250 WHAS Louisville, Ken.

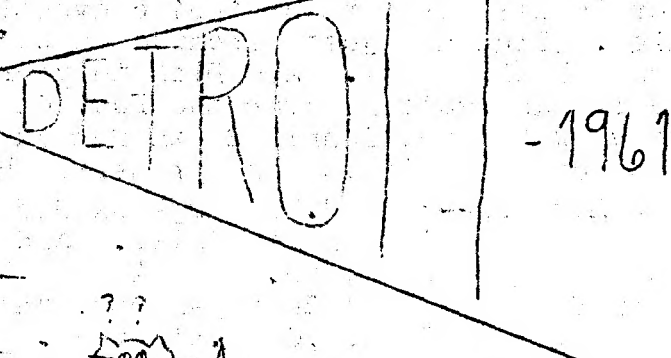
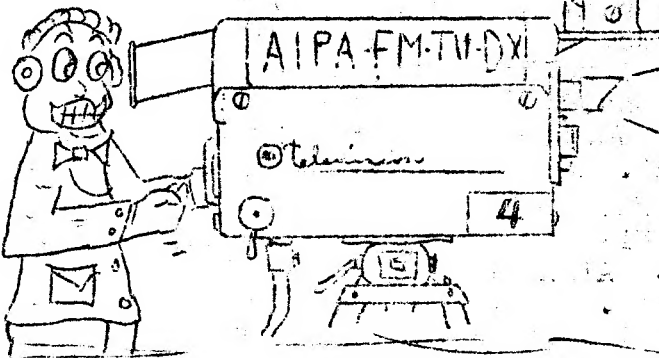
Most distance for Channel 12 400 KFVS Cape Girardeau, Mo.

Most distance for Channel 13 325 WREX Rockford, Ill.

Most distance for UHF 39 325 WTVO Rockford, Ill.

I have a letter from John Dyckman stating there is another station on in Youngstown, Ohio on 45 WXTV (I have received it twice). Thanks John. Hope you have more soon. I also wish to thank our FM reporter for his nice column hope he got my report okay. Well much more information is needed to keep this column going Hope to hear from more of you next month

Walter W. Spaulding  
R.D.# 3 Cardington, Ohio





Bill Draeb, Kewaunee, Wisc. ---Es, Dec. 5 CKCK-2, WSAV-3, WJXT-4, CHAB-4, CKOS-3, KXLF-4, KID-3, Dec. 6 Es, unided-ch. 4 and also on 18 chs. -2-3-4, Jan. 1 WOAI-4, WESH-2, Jan. 9 KFDX-3, KRLD-4, KRIS-6 ---Trops. Oct. 25 WISH-8, WLWI-13, WDEF-12 (690 miles), WKRC-12 (405 miles), WTHI-10, KFVS-12 (512 mi.) Nov. 19 KMMT-6 Nov. 20, WSBT-22, Nov. 21 WFBM-6, WISH-8, WLWI-13, Nov. 26 KQTV-21 (365 miles) Jan. 16 KEYC-12, KCMT-7 His log is now at 274 with 6 new.

Frank Wheeler, Erie, Pa. ---Es, Jan. 9 ch. 2-4, ---Trops. Jan. 9 CFTQ-9, Jan. 13 WNEM-55, Jan. 19 northern lights ch. 2-6 His log is now at 141 with 1 new.

Bill Pagel, Glen Ellyn, Ill. ---May 23 WCPO-9, WANE-15, WPTA-21, WKJG-33 May 24 KMOX-4, WSPD-13, WGEM-10, WKJG-33, WANE-15, May 28 KROC-10, WEAU-13, May 30 KCRG-9, KSD-5, Es. KPAC-4, WOAI-4, KPRC-2, May 31 WCPO-9, WFIE-14, WLBC-49, WEHT-50, WLEX-18, WKYT-27, June 1 WCPO-9, WCHU-33, June 3 Es. WAIQ-2, Trops. June 5 WTOL-11, WSPD-13, June 7 WCPO-9, WGEM-10, WWTV-13, Es. WTVJ-4, KGNC-4, June 15 Trops. KMOX-4, WCPO-9, WGEM-10, WANE-15, WKJG-33, WCHU-33, WLBC-49, WWTV-13, WJRT-12, WKRC-12, WPTA-21, June 16 Es. WGBT-4, WOAI-4, June 18 Trops. KPLR-11, KFVS-12, WPTA-21, KMOX-4, WWJ-4, KYW-3, WCPO-9, WHAS-11, KHQA-7, WKRC-12, KTHV-11, KFVS-12, June 19 WMT-2, WLWD-2, June 20 WSTV-9, WJW-8, WXYZ-7, WCPO-9, WHAS-11, WFIE-14, WLEX-18, WEHT-50, WHTN-13, WKRC-12, WCHU-33, KPLR-11, Es. June 21 KPAC-4, KROD-4, June 22 WTCN-11, Es. WTVJ-4, WSAV-3, WEAR-3, WJXT-4, WWL-4, Trops. WKBT-8, WBAY-2, WHA-21, June 23 Es. KRLD-4, WSAV-3, WTVJ-4, WTHS-2, June 28 Trops. KSD-5, WHA-21, WANE-15, WKJG-33, WPTA-21, WIMA-35, KPLR-11, June 30 CKLW-9, WHIO-7, WFIE-14, WEHT-50, KCRG-9, WTOL-11, KMOX-4, WJBK-2, WMT-2, WCPO-9, WCHU-33, WANE-15, WKJG-33, WLEX-18, WKRC-12, WKYT-27, July 2 KYW-3, WJW-8, WCPO-9, KMOX-4, WEAU-13, WSAU-7, WKBT-8, WWTV-13, WBAY-2, KPLR-11, Aug. 1 WHO-13, Aug. 2 KTVH-12, KRNT-8, KOEN-10, KETV-7, KCMO-5, KYW-3, KMOX-4, WHAS-11, WCPO-9, WSPD-13, WGEM-10, Aug. 3 Es. KMID-2, Aug. 4 WICU-12, Trops. Aug. 8 Es. WOAI-4, Aug. 13 Es. KDIX-2, Aug. 15 Trops. KPLR-11, KTVO-3, KTVI-2, WHO-13, WTCN-11, Aug. 16 WBAY-2, WEAU-13, WFIE-14, WEHT-50, KPLR-11, WTCN-11, Aug. 17 Trops. KROC-10, WEAU-13, WCCO-4, KMOX-4, KCRG-9, KWWL-7, WLEX-18, KPLR-11, Aug. 18 CKGN-10, WIIC-11, WKNX-57, Aug. 26 KYW-3, WXYZ-7, KELO-11, Aug. 27 WTCN-11, KVTV-9, WJW-8, WXYZ-7, WSAU-7, WEAU-13, WCCO-4, Aug. 31 WTCN-11, KELO-11. Log now at 140 with 41 new.

Thomas J. Hidley, Chicago, Ill. ---Dec. 29 WKY-4 M.S. WCBS-2, WOAI-4, KGNC-4, Jan. 6 WNDU-16, KFVS-12, Jan. 9 KMOX-4, KROC-10, Jan. 10 WEEK-43, WSBT-22, WANE-15, Jan. 11 WSJV-28, Jan. 13 WPTA-21, WFAM-18, WICD-24, WTVH-19, WMBD-31, WKJG-33, Jan. 14 WNEM-5, Jan. 16 WHO-13, WEAU-13, KWWL-7, WMTV-33, WLCS-20, WKNX-57, WFIE-14, WEPT-50, WHA-21, WKOW-27, all trops, Jan. 21 WWL-4 M.S. His log is at 141.

Peter Gaddy, Elmhurst, Ill. ---Sept. 20 KROC-10, KTVO-3, WTCN-11, Oct. 4 WMBD-31, WEEK-43, Oct. 8 WMTV-33, WMBD-31, Oct. 9 WKBT-8, WROC-16, KFVS-12, Nov. 12 KWWL-7, WKRC-12, Nov. 23 WMTV-33, WKOW-27, WEEK-43, WMBD-31, Nov. 26 WXYZ-7, WTOL-11, WEAU-13, KGLO-3, KELO-11, WWTV-13, KROC-10, WTCN-11, Dec. 3 KFVS-12, WSAU-7, all trops Dec. 5 Es. CHAB-4, Jan. 9 KBTX-3, WOAI-4, KROD-4, 6 New.

Richard Nieman, Buffalo, N.Y. ---Jan. 3 Es. WTVJ-4, Jan. 14 WWTV-13, WOOD-8, WSPD-13, WTOL-11, CKLW-9, WJRT-12, WJIM-6, WAST-13, WNBF-12, WSYE-18, CKWS-11 Jan. 15 CKWS-11, WSYE-18, CHEX-12, Jan. 17 WFIL-6, WCAU-10, WNBF-12, WINR-40, WSYE-18, WNEP-16, WDAU-22, WBRE-28, WSEE-35 all via trops. Log at 266.

Richard V. Nieman, 99 Inson Street, Buffalo 10, New York

If you would like a continuation of the test patterns of channels 2-6.

For Meteor Scatter identification. Please send some patterns. All photos will be returned.

February, 1961

Hello all my fellow DXing enthusiasts. If I seem rather happy this month it's because my log of FM & TV stations finally started to move! Not much, mind you, but still a move! But more of this later. There is plenty of FM station news from the Milwaukee Area.

WTOS 103.7, WISN-FM 97.3 and WAUX-FM 106.1 all came on in the past month. All are Milwaukee area stations.

WISN-FM combines facilities with WISN-AM for most of its broadcasts. They are planning stereo broadcasts in the near future. WISN operates from a 1000' antenna with a 3,700 watt signal.

WMKE 102.1 was reported to be \$38,000 in the hole about two months ago. They sold out, and immediately shifted their studio to the far west side of Milw. However, a newspaper article a few weeks ago said that they were still very much in the hole. This is truly a shame and a plight of many new FM stations. FM, although one of the most listened to forms of entertainment, is not usually a great money maker. WMKE is one of the better FM stations in the city and is the most listened to station by most of my friends. I sincerely hope that WMKE, and all other new FM stations can crack the dollar deficit, and always bring the listeners the music they want to hear.

About 3 or 4 new FM stations are due on in Milwaukee in a few months. A list of these proposed new stations will appear later.

TV stations news concerning Milw. area has also been in the wind. WISN 12 ABC, and WITI 6 CBS, will shift channels sometime in April. No other change, just ABC now on 6 and CBS on 12. This is good news. The ABC station is a later starter in the morning than the CBS affiliate. So after the switch I'll be able to do some channel 6 meteor skip without having to get up before six o'clock!

Also, UHF channel 36 is due around Sept., 1961. This educational channel will be operated by the same people who run WMVS, educational ch. 10 in Milwaukee.

#### REPORTS

Dennis Smith of Wasco, California sent in a list of FM stations he snagged from Dec. 17 to Jan 2: Dec 18 KNBC 99.7; Dec. 19 KSFR 94.9; KQBY 95.7; KEAR 97.3; KNBC 99.7; KPEN 101.3; KFRC 106.1; KCRA 96.1; Dec. 20 KSFM 96.9; KEBR 100.5; KHIQ 105.1; KXOA 107.9; KBEE 103.3; KTRB 104.1; KMYC 99.9; KEAR 97.3; KPEN 101.3; KFRC 106.1; Dec 21 KBEE 103.3; KTRB 104.1; KCRA 96.1. He now has 43 FM stations, with 5 new ones. Thank you for a fine report, Dennis.

A few good days in Dec. & Jan. brought my TV log to 263 & FM log to 65 or 66. E'S in Dec. brought the usual channel 2 & 3's, along with new KNOP 2. Drops on Jan 16th was terrific and 3 new FM 'ers were logged, all within 300 miles. Drops on TV was so strong that local WMVS 10 was ruined by WILX 10 in Michigan. Ch 4 in Detroit or Ohio hurt ch 4 WTMJ, and WITI 6 was killed by probable WJIM. Never before has drops ruined by locals so much as on the 16th. All of these Milwaukee locals are within 15 miles, so you can see the great signals that the str stations must have had to appear over the locals. Only WILX was logged while local WMVS was on, but the other locals were not viewable in the easterly direction. Perfect signals were received out to 300 Miles.

Because I goofed up one of my stencils this month, I will have to wait until next month to begin a few articles on recording procedures.

"Your AIPA Monthly Meteor Scatter Column"  
Conducted by: Billy Draeb      Ellis Street      Kewaunee, Wisconsin

I got more reports than usual this month which is very good. I also have some other jazz which may help some Ms DXers. Here are the reports.

John Cody, Middletown, Conn.---All of his are 2 pointers unless otherwise stated---Dec. 11th WJBF-6; Dec. 12th WAGA-5, WLAC-5; Dec. 17th WPSD-6 WDBO-6(3pts); Dec. 18th WOW-6(3pts); Dec. 22nd WLAC-5, WPTV-5(3pts), WCYB-5; Dec. 26th WLAC-5; Dec. 27th WMCT-5(3pts); Dec. 28th WAGA-5, WLAC-5; Dec. 29th WDBO-6(3pts). A fine report John; all ch. 5&6.

Richard Nieman, Buffalo, N.Y.---Oct. 22nd KOA-4(4pts, 1,348mi; nice catch) KOA-4 was also new for Rich. Oct. 29th WOI-5(2pts); Oct. 30th WCTV-6 (2pts), WPSD-6(2pts); Oct. 31st WJXT-4, WSM-4; Nov. 1st WDSM-6(new)(2pts) Nov. 2nd WJXT-4, KTIV-4; 3rd WDSM-6(2pts); 6th WDSU-6(3pts), WPSD-6(2pts) Nov. 11th KTIV-4; 15th KTIV-4 16th WFMY-2, WLWD-2, WCBS-2; 17th WFMY-2, WLWT-5, KSTP-5(2pts), WKY-4(2pts), WDSM-6(2pts); 18th WJXT-4; 22nd WDSM-6; 23rd KTIV-4; 27th WKY-4(2pts), WCTV-6(2pts); 28th WLWD-2, WCBS-2, WUSN-2 29th WUNC-4(new), WJXT-4, KARK-4; Dec. 4th WPSD-6(2pts); 6th WOC-6, WUNC-4 8th WJXT-4; 9th WLWD-2; 11th WLWT-5, WJXT-4, WAGA-5(2pts), WPSD-6(2pts), KOTV-6(3pts); 12th WLWD-2; 13th KMOX-4; 17th KARK-4, KTIV-4; Jan. 7th WECT-6; 10th WLWD-2, WCBS-2, WJXT-4, WKY-4(2pts); 11th KTIV-4; 12th WSM-4; 13th WUNC-4, WCBS-2. A very good report Rich. I made a couple of errors; WDSM-6 on the 22nd of Nov. should be 2pts and Woc-6 on Dec. 6th should also be 2pts. His log is now at 266.

Dave Swanson, Chicago, Ill.---Dec. 20th WKY-4; Dec. 22nd WRCV-3, WKY-4, WWL-4, KGNC-4; 27th WKY-4; 29th KRLD-4; Jan. 1st WCBS-2, 3rd WMAR-2, KGNC-4, WKY-4, KGBT-4(3pts); 4th WOAI-4(2pts), WKY-4; 5th WFMY-2, WMAR-2, WKY-4; 11th WOAI-4(2pts), KGNC-4, WKY-4. Thanks Dave.

Jim Grover, Crossfield, Alta.---Dec. 11th KFEQ-2(3pts); Dec. 17th KCMO-5 (4pts). Thanks alot Jim.

Bill Draeb, Kewaunee, Wis.---Jan. 1st WCBS-2, WLWD-2; 2nd KARK-4, WOAI-4, (3pts), WWL-4(2pts); 3rd KTVR-2, CKCK-2; 6th KNOP-2(new); 7th WCBS-2; 8th WKTV-2, WNAC-7(6pts & new); 13th WOAI-4(3pts), KCKT-2; 14th WKY-4; 17th WKY-4; 19th WBRZ-2(2pts). My log is now at 274.

The point standings in my Ms contest are as follows: Richard Nieman---65  
Dave Swanson---38  
To help some of the inexperienced DXers as well as John Cody---33  
the rest I have compiled a list of the Meteor Show- Jim Grover---7  
ers during the year. Here they are: Bill Draeb---33

Jan. 1-4	Quadrantids	Aug. 10-14	Perseids
Feb. 5-10	Alpha Aurigids	Aug. 10-20	Kappa Cygnids
Mar. 10-12	Zeta Bootids	Aug. 21-31	Zeta Draconids
Apr. 19-23	Lyrids	Sept. 22nd	Alpha Aurigids
May. 1-6	May Aquarids	Oct. 2nd	Quadrantids
May. 30th	Eta Pegasids	Oct. 9th	Giacobinids
June 27-31	Pons-Winnecke Meteors	Oct. 18-23	Orionids
July 14th	Alpha Cygnids	Nov. 14-18	Leonids
July 26-31	Delta Aquarids	Dec. 10-13	Geminids

These are the main# Meteor Showers that occur during the year. I must admit that I haven't heard of some of them until I looked in the Almanac.

There is but one thing I have left to say this month. Don't be disappointed should you get your March bulletin late. 73's Bill

I'll start right off with the alphabetical news since there's a lot of it. "Broadcasting" had a year-end review in the Dec. 5th issue, and the new issue of "Broadcasting Stations of the World" arrived.

ALGERIA: 5 new stations planned for 1961. The 4 presently on the air are in the high band.

ARGENTINA: commercial TV has become so popular that the govt. may sell LR3-TV, ch.7. Commercial TV began last summer.

ALBANIA: the govt. is experimenting with gift equipment from East Germany and the USSR.

BRAZIL: some new ch.2 stations are at Belem, (Radio Marajoara), & Belo Horizonte ~~10kw~~, Radio Inconfidencia, 10kw., and Fortaleza (Ceara Radio Clube), Anhanguera TV in Goiania, plus the old ones.

BULGARIA & RUMANIA: TV relay U.C. between these 2 Communist countries by 1962, and later the rest of Eastern Europe.

CHILE: ch.2 TV station in Santiago is owned by the Catholic Univ.

Ch.9, Santiago and ch.8 in Valparaiso are also on the air. LO ERP.

CHINA: 7 stations listed. Harbin, Manchuria listed on ch. R1.

COLOMBIA: educational TV planned so the govt has imported 20,000 rx for donation to schools. also, a TV relay to the southern part of the country due for completion in 1960.

COSTA RICA: since TITCR-7 went on the air last May, 3 more private stations have been granted. A govt station on ch.4 is the only one listed besides TITCR, however. (These 2 are in Sa Jose.)

CUBA: all TV is govt owned now except Camaguey ch.11 and the USA station at Guantanamo, according to the US Govt Printing Office publication mentioned above, "Broadc. Sta. of World" part 4 at \$1.75. FM stations are also listed in it. USA stations not included in either section of part 4. Arranged by freq., and by country in both FM and TV sections. Back to Cuba, TELEMUNDO is now "Television Revolucion".

CZECHOSLOVAKIA: completion of TV network scheduled for 1961-1962. Relays U.C. to bring TV to the satellites from Kiev and Moscow. Color and a second network are in planning stages for Czechoslo.

DENMARK: new station at Bornholm completes national coverage. The Copenhagen-Bornholm relay crosses southern Sweden, oddly enough. No ch.E2 station in Denmark, but Odense ch.3 has been seen in Nova Scotia and verified. E3 is 54-61 mc.

ECUADOR: ch. A4 is on the air in Guayaquil, and the owner has an option on ch.11, 12, and 13 in Quito. As I mentioned before, HCJB-2 was on in 1959 for 1 month with a temporary permit because the govt hadn't decided a definite TV policy. Now they've decided so HCJB-TV may be back soon.

EL SALVADOR: YSY-2, govt owned, is planned but no definite info or starting date given. YSDR-8 on a volcano, repeats YSEB-6. Santa Ana is the name of the volcano I guess. YSU-4 you know about.

FORMOSA: a Japanese exper. telecast was seen by 120,000 people in 1960. No definite plans given for permanent TV operation; but the Japs are trying to get a Tv foothold here and in Malaya, too.

FINLAND: "Nordvision" branch of "Eurovision" relay completed to Turku from Stockholm.

FRANCE: many new translators opened in 1960 which I won't bother to list. VHF pretty well covers the country now and there has been a lot of talk about a 2nd network on UHF but something keeps holding it up.

GERMANY, EAST: the VHF network is completed and the UHF 2nd netw. is under construction (U.C.) Berlin E22 and Dequede E14. TV relay to Poland, Czechos., Hungary, USSR in 1960.

GERMANY, WEST: color tests based on NTSC system on ch.E17 at



Haardtkopf. The system used isn't the NTSC but it's based on it. Many new satellites went on here also in 1960, as in Italy, France Deutsche Bundespost, (the Post Office), plans an 82 station UHF 2nd TV network with 29 stations due on the air in 1960. The first 2 on the air were Berlin E24 and Feldberg-Taunus E27. Previous news dispatches said this netw. is to be completely commercial, but now I don't know. A few UHFers not owned by DBP may indicate that a 3rd network is being planned.

GHANA: a group of Canadians says a Ghanaian network is possible by the end of 1962. Neighboring LIBERIA invited engineers to study possibilities for TV there, also, several months ago.

INDIA: New Delhi educational station on ch. E4 is on the air. A station at Bombay is also planned. A station on E2 is no longer listed at Delhi. The ch. 4 may have replaced it.

IRAN: 2 more stations are listed here on American standards relaying Teheran evidently. The capital and Abadan are both on ch. A3. The 2 new stations' channels aren't listed.

IRELAND (EIRE): a proposed station at Dublin is listed for the first time, on British standards. Northern Ireland is a part of the United Kingdom and hence already has TV. Eire is a republic and was expected to adopt the CCIR 625 line system used by most of Europe. They never got along with the U.K. anyhow because of Britain's political and religious domination through the centuries, so we expect them to spite Britain in every way possible.

ITALY: numerous TV stations went on here in 1960 as expected, too numerous to mention. Someone asked an Italian TV man last year how many stations they had at the time, and he asked what time it was. The last time I counted they had almost 400 of which 38 were over 2kw, ERP. We would classify most of these stations as translators, but they call them "stations" in Europe. Tax \$20.

JAPAN: Japan again leads the Pacific and Asia in new station totals 107 stations were on the air in Dec. 1960 and there were 6 mill. receivers. A few translators began operation also. Color TV and educational network began. They expect to lead the world in the use of color TV with the introduction of low cost receivers. They also signed TV trade agreements with 6 Communist countries including Cuba, NORTH Korea, the UAR, USSR, China and E. Germany

KENYA: Nairobi due on this summer. Mombasa and Nyasa Nyanza due at a later date. 625 line system.

KUWAIT: the experimental station is in ch. A9. Govt owned.

LEBANON: the 2 Beirut stations on ch. E7 and E9 are on the air. 2 more stations are under construction.

MALAYA: Japs offered to build commercial network and give it to govt after 10 years in return for all advertising revenue for 1st first 10, but govt refused because equipment would be 10 years old. Govt is going ahead on its own with a station at Kuala Lumpur (the capital) in June, and a network covering the country by the end of 1962. In neighboring Singapore State, the Japs are also discussing TV with the government.

MEXICO: plans a link to the USA in 1961. XHGO-7 in Ciudad Madero, under new ownership plans a possible rebroadcast of Mexico City programs, but it isn't definite yet. Another KEW satellite? Guadalajara went on the air in August. More on this later. I hope to put in a complete Mexican list on page 3 of this column.

NETHERLANDS: the new Smilde station on E6 serves the 4 northern provinces with more power than its Irnsum-station predecessor. Utrecht E6 is also planned. 7 stations will cover Holland.

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PANAMA: the permit for ch.2 at Panama City, HOA-TV, Panamericana TV has been cancelled. One less station to shoot for, Southerners.

PERU: Arequipa ch.2 went on the air 18 months ago. "Televisora Sur Peruana S.A." is the owner. Barney Rauch of Peoria received this one, as far as we could ascertain, just about that time. His DX station gave the call OXO visually, but everything considered, we can't definitely say that he received Peru, so don't mind the call letters too much. "OX" is not allocated to Peru.

NETHERLAND ANTILLES: Another station at Willemstad, Curacao is listed as PJC-8. PJA-TV is listed at Oranjestad, Aruba. The latter will come on next Jan., no channel given. This new country is a former Dutch colony, a group of islands off the coast of Venez.

MOROCCO: the govt has bought the 2 old TV stations which operated at Rabat and Casablanca before Independence, in 1954-6. They will be reorganized and return to the air under govt control.

PHILIPPINES: besides the original DZAQ-3, DZXL-9 and DZTV-13 are on the air in Manila. DZBB-7 is on in Quezon City, the new capital and suburb of Manila. 5 stations in 4 other cities are listed, but apparently aren't the air yet. Ch. A2 at Bacalod City and Baguio City, both owned by the Manila Chronicle. A station at Davao City with no channel given; Cebu City-9 and Chronicle station ch.3 at Cebu are the other 2. The Chronicle network includes DZXL-9, and the latest report says they own DZAQ-3 now also.

RHODESIA: Bulawayo and Kitwe due on this year. Salisbury on already

RUMANIA: TV will cover country by 1965 with 12 more stations. The only ones now are Bacau-R1 and BUCHAREST-R3, possibly Bucharest-2

SPAIN: to clear up any doubts, Navvacerrada-2 serves Madrid with 235kw, ERP. Another "kw station serves Madrid from Ch. E3. Santiago de Compastella radiates only 3kw on ch.2. Two other stations are on the air, and 7 more are proposed or U.C.

SUDAN: the govt proposes a station at Khartoum, with CCIR standards

SWEDEN: Sweden moves ahead with new stations in its network which will eventually reach about 55 or 60. Of interest to us are the E2 stations which we may see via F2 skip or more likely Aurora. Hörby, now 100kw from 1040' tower; Vannas with 60kw; Uddevalla with 1 kw; Örebro with 60kw from a 712' tower.

SWITZERLAND: the Swiss network appears to be complete.

THAILAND: all sources list the original ch. A4 station as HST-TV so the call must have been changed from HSL-TV. Three new stations will effect national coverage very soon; Lampang prov. (north), Khon Kaen prov. (NE), and Haadyai, Songhla prov. (south). The A7 station in Bangkok must be on now, owned by the Army, commercial.

U.A.R.: new stations listed as in the planning stages are one each at Alexandria, Aleppo and Damascus. THE last 2 are in Syria, the first in Egypt. I mentioned a while back that 2 Cairo stations are ON, and were financed by RCA. CCIR standards are utilized.

UNITED KINGDOM: the ITA until 1960 was employing only 4 channels, ( B6-9 ), because these 4 were set aside for the 2nd network and channels 10 to 12 were reserved for a third network. However, a few stations have now opened in these channels, so the 3rd will have to be UHF. The lines argument is holding up progress on all color and UHF expansion. Meanwhile, the BBC and ITA are both expanding their services to regions which have had or non-existent TV service at the present time. The B1 station at Thurmaster, Scot. is directional and has an ERP of only 150 watts.

SINCE SPACE is running short, I'll have to close for Feb. CREDITS: EBU Review for last June & Dec., Wireless World-Nov., Broadcasting.

FERDINAND S. DOMEROWSKI JR., 1335 ROAD B, OKAUCHEE, WISCONSIN.

AMERICAN IONOSPHERIC PROPAGATION ASSOCIATION

(3)

Feb. 6, 1961

" 1961 MEMBERSHIP DRIVE "

One month of the membership drive is over. We still have two months to go. Just how many new members we have during the month of January 1961 would be a good question? This is a real contest for some prize money. The money is waiting for the one who gets the most members during Jan, Feb. and Mar. 1961. Remember you get credit of one dollar for each new member on your membership.

Cold weather has blanketed the nation. If it gets up to 35'o, some may be able to call it a heat wave. We now have another type of a wave, called a drive wave. This drive wave should pretty well cover the country within the next two months. Don't let the fire go out under your coffee pots. Keep 'em simmering boys so that aroma fills the air with AIPA DX. While clutching our coffee in one hand, we can have complete control of our cream pitcher in the other. A few squares of sugar and you have a complete circuit. After a few sips of this soothing brown liquid, we can turn our thoughts to new members, and the on coming 1961 convention which will be in Royal Oaks, Michigan, at Dick Millers'. You are the marksman who can make the drive, and the on coming convention a success.

Convention time is on it way;  
It will be at Dick Millers' so they say;  
At Royal Oaks will be the stamping grounds;  
So now boys lets get ready to gather around;  
We thought we would bring this to your attention;  
May we meet you soon at The AIPA Convention.

This is the time of the year on week ends, when some Television Stations are on the air for 24 to 30 hours for the March Of Dimes, when your strong locals are off the air, will offer you the oppertunity to pick up a new station. Last year on the 31st of January, WRAY Ch.52 was a good catch for many of us. So look for your new stations after 1:00 A.M. Sunday mornings. Now is the time to look for Channel 52, WRAY, Princeton, Indiana which is on the air but once a year for The March Of Dimes. This is according to The Chicago Sun Times.

With warmest regards to all.

Thomas J. Hidley

" TV CORNER " A wife fed her husband so many TV Dinners, that he broke out with a test pattern.

6117 N. Canfield Ave.,

Chicago 31, Illinois

Well, it is certainly a chance to have time to submit a column. The past several months have been very busy ones for me. A couple of months ago I received a letter from Morris Foote, he wanted to know about the different kinds of rotors. In a recent issue of Consumer's Report, an article was published on rotors. I'm going to attempt to tell about the different rotors, their good and bad qualities alike.

As most of you, if not all, know what antenna rotors are used for I will skip any preliminaries.

An antenna rotator should possess the following qualities:

- (1.) It should be able to return the antenna to a specific spot when conditions are critical for reception. This characteristic is called repeatability.
- (2.) Each movement of the antenna should be as small as possible.
- (3.) The rotator should possess a fairly high amount of torque to move heavy antenna systems.

In the United States, three main companies manufacture rotors, Channelmaster, Cornell-Dublier, and Alliance. Before some of you get ready to write nasty little letters, I must explain that Philco and Radiart equipment are manufactured by Cornell-Dublier. Below are a list of quality automatic rotors and their qualities, also prices.

CHANNELMASTER, Crown 9524 about 50 dollars. Repeatability-very good, 4 degree movements which was the lowest of any tested. Torque and tracking characteristic are good.

CORNELL-DUBLIER, ar-22. Performance equal to the Channelmaster, 9524, combined with outstanding torque, 45 pounds compared 8-15 pounds torque of the average rotor. This antenna rotor will handle stacked systems with ice under strong winds. An outstanding value at \$49.95.

PHILCO, AP-22, \$55.74, Radiart AR-22, \$49.95, both same as above.

The following models are acceptable but somewhat inferior in quality according to Consumer's Report.

CORNELL-DUBLIER, AR-1, 6 degree movements, \$39.95.

PHILCO AP-2, \$53.64, as above. Radiart AR-1, \$39.95, same as above.

ALLIANCE, U-98, \$39.95, 10 degree movements, rather high.

As you can see, Philco hikes the prices of equipment to a very great extent. Next month, about the manual rotors and the 61' television sets. I'm very sorry I haven't answered the letters all of you have written. Try again and I promise I will reply now that I have more free time, or if you can't, I understand, I know how it is to be busy.

Best of DX and 73's-----

*Charles Wood*



February..1961

" W E S T E R N     D X "

BY..Dee Johnson  
146 Maddock Pl.  
Longview, Wash.,

Hi! Another month has hurried by..and I've only heard from a couple of you Western Dxers..so I guess that DX has not been good this past month. I managed to log 1 new station for this period..the new channel 10..educational station..from Portland, Oregon.

Elwood Walter of Seattle, Wash., sent me a letter..and your editor..must confess..I lost it...I do remember however that he said he had received no dx for the month...I'm so sorry that it was lost Mr. Walter....

Allan Preston writes a very nice letter to me..thanking me for FINALLY sending him, Dave Croquette, and Dennis Smith a tape. Seems I am a very poor tape recorder fan. I love to get the tapes..but to find the time to send them back....welllllllll.

Dennis Smith writes that he would like to take over this column. I have not had a OK from Art Collins as yet..but I'm sure it will be alright. Dennis does not know for sure if he will be able to take it over however..but will know in a couple of weeks...so you had better send in your reports to me again this coming month..try and get them here by Feb. 25th ..then I can write up the column over the weekend. I'm sure that if Dennis does find that he can take this column..that he will be a very good editor..as he is young...in our club..and has some fresh.. new ideas...so support him..or whoever does get to be the new editor..he needs your letters and reports. Your help will be appreciated..and will give you a more interesting column to read. I know that I could not have written this column for so long with out all of your letters..information and etc..,

Dennis' log report for Dec., is:...Dec. 19, KHSL-12 /KVIP-7/ by trop. Dec. 20 , KVIP-7/KCRA-3/KVIE-6/KXTV-10/ all by trop. Dec. 21, KMID-2 by Es/KVIP-7/KCRA-3/KVIE-6/KXTV-10/KOVR-13/ all by trop. Dec. 22-26, KVIP-7/KCRA-3/KXTV-10/KOVR-13 all by trop.

So this is the column for this month..because when no one writes except 3 people...it is pretty hard to write up a good column.... Next month will probably be my last month as your editor..so please ALL OF YOU...write so I can do a BIG column...please?????

Best of DX to all of you....

Dee

## CO-CHANNEL INTERFERENCE COLUMN

conducted by Bedford P. Brown, Jr.,  
2505 Rio Grande St., Austin 5, Texas

## UNIDENTIFIED PROGRAMS (ALL TIME IS EASTERN STANDARD TIME.)

Richard V. Nieman, 99 Imson Street, Buffalo 10, New York

1. Sundays, 8:18am, ch.4, CBS type test pattern with tone, received January 1, 1961, with antenna pointing south.
2. Saturday, January 7, 1961, 7:50am, Bullseye type test pattern with music, antenna pointing west-southwest, channel 4.
3. Jan. 15 ch.4 8:45am, Indian-head test pattern with letters, tone. This was on Sunday with antenna pointed west.

(What about WTTV for no. 2 and WNEB for no. 3?....BB)

Hope some of you Midwest dxers can help Richard out on these. Thanks a lot for the report, Richard....

Word has just reached me that the new channel nine in Hot Springs is now operating daily from 5:00 to 11:00pm or later. They evidently could not get a network affiliation because of the three network stations in nearby Little Rock; they are showing technicolor movies.

Much has happened to me since my last letter including a draft deferment and my registration for the last semester in college. Also my typewriter has gone completely haywire, but thanks to a friend, I'll be able to continue my columns this spring. Please send reports. Meteor-scatter dx should be pretty good now, and there's no reason why you shouldn't be able to get most of your ms slides identified through this column. Also if you have any delinquent verification-signers, send them on to this column. Even stations which claim that they do not verify slip occasionally. Let's see if we can't pass the names of some of these signers around.

Thanks very much for all the Christmas cards; and until next month, 73's and best dx to all, Bedford

